

GenCore version 5.1.4_p5.4578
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OM protein - protein search, using sw model

Run on: March 13, 2003, 12:37:25 ; Search time 14.5 Seconds
(without alignments)
79.469 Million cell updates/sec

Title: US-09-913-524-9

Perfect score: 143

Sequence: 1 PWSPALRLRLQPPPSAHAFCHR 25

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 199416 seqs, 46092074 residues

Total number of hits satisfying chosen parameters: 199416

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_AA:*

- 1: /cgn2_6/ptodata/1/pubaa/US08_NEW_PUB.pep.*
- 2: /cgn2_6/ptodata/1/pubaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/1/pubaa/US07_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/1/pubaa/PCTUS_PUBCOMB.pep.*
- 8: /cgn2_6/ptodata/1/pubaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/1/pubaa/US09_NEW_PUB.pep.*
- 10: /cgn2_6/ptodata/1/pubaa/US09_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubaa/US10_NEW_PUB.pep.*
- 12: /cgn2_6/ptodata/1/pubaa/US10_PUBCOMB.pep.*
- 13: /cgn2_6/ptodata/1/pubaa/US60_NEW_PUB.pep.*
- 14: /cgn2_6/ptodata/1/pubaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	128	89.5	367	9	US-09-813-398-18
2	98	68.5	122	9	US-09-859-211-44
3	98	68.5	122	9	US-09-880-708-22
4	98	68.5	122	10	US-09-813-459-18
5	94	65.7	121	12	US-10-115-406-18
6	55.5	38.8	1832	9	US-10-014-717-4
7	52.5	36.7	368	10	US-09-768-703-2
8	50.5	35.3	2439	9	US-10-014-717-7
9	49	34.3	50	10	US-09-998-667-11
10	49	34.3	228	10	US-09-998-667-8
11	49	34.3	231	10	US-09-925-301-1306
12	49	34.3	231	10	US-09-764-864-837
13	49	34.3	231	10	US-09-764-864-1292
14	48.5	33.9	108	9	US-10-011-445-54
15	48	33.6	568	9	US-09-738-626-5622
16	48	33.6	568	10	US-09-950-788-2
17	48	33.6	568	10	US-09-950-788-4
18	48	33.6	568	10	US-09-950-788-7
19	47	32.9	73	10	US-09-864-761-37918

20 47 32.9 717 10 US-09-817-913-9 Sequence 9, Appli
21 47 32.9 717 10 US-09-817-538-9 Sequence 9, Appli
22 47 32.9 1122 9 US-10-072-094-8 Sequence 8, Appli
23 47 32.9 1122 9 US-10-072-094-91 Sequence 91, Appli
24 47 32.9 1260 10 US-09-893-238-2 Sequence 2, Appli
25 47 32.9 1350 10 US-09-893-238-17 Sequence 17, Appli
26 47 32.9 1493 10 US-09-888-754-3 Sequence 3, Appli
27 47 32.9 1493 12 US-10-000-864-8 Sequence 8, Appli
28 47 32.9 2787 10 US-09-893-238-15 Sequence 15, Appli
29 45.5 31.8 116 10 US-09-864-761-40290 Sequence 40290, A
30 45.5 31.8 169 10 US-09-925-301-1172 Sequence 1172, Ap
31 45.5 31.8 360 10 US-09-847-057-2 Sequence 2, Appli
32 45.5 31.8 888 9 US-10-036-041-35 Sequence 35, Appli
33 45.5 31.8 888 9 US-10-028-072-544 Sequence 544, App
34 45.5 31.8 888 9 US-10-035-855-35 Sequence 35, Appli
35 45.5 31.8 888 9 US-10-121-049-544 Sequence 544, App
36 45.5 31.8 888 9 US-10-123-904-544 Sequence 544, App
37 45.5 31.8 888 9 US-10-140-470-544 Sequence 544, App
38 45.5 31.8 888 9 US-09-931-836-35 Sequence 35, Appli
39 45.5 31.8 888 9 US-10-175-746-544 Sequence 544, App
40 45.5 31.8 888 9 US-10-176-918-544 Sequence 544, App
41 45.5 31.8 888 9 US-10-176-921-544 Sequence 544, App
42 45.5 31.8 888 9 US-10-036-214-35 Sequence 35, Appli
43 45.5 31.8 888 9 US-10-137-865-544 Sequence 544, App
44 45.5 31.8 888 9 US-10-140-474-544 Sequence 544, App
45 45.5 31.8 888 9 US-10-035-719-35 Sequence 35, Appli

ALIGNMENTS

RESULT 1
US-09-813-398-18
; Sequence 18, Application US/09813398
; Patent No. US20020169292A1
; GENERAL INFORMATION:
; APPLICANT: Bruce D. Weintraub
; APPLICANT: Mariusz W. Szudlinski
; APPLICANT: University of Maryland
; TITLE OF INVENTION: CYSTINE KNOT GROWTH FACTOR MUTANTS
; FILE REFERENCE: UOFMD.003C1
; CURRENT APPLICATION NUMBER: US/09/813,398
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: PCT/US99/05908
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: PCT/US98/19772
; PRIOR FILING DATE: 1998-09-22
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 367
; TYPE: PRT
; ORGANISM: HOMO SAPIEN
US-09-813-398-18

Query Match 89.5%; Score 128; DB 9; Length 367;
Best Local Similarity 88.0%; Pred. No. 5.9e-10;
Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 PWSPALRLRLQPPPSAHAFCHR 25
|||||:|||||:|||||:|||||:|||||
Db 241 PWSPALRLRLQPPPSAHAFCHR 265

RESULT 2
US-09-859-211-44
; Sequence 44, Application US/09859211
; Patent No. US20020157125A1
; GENERAL INFORMATION:
; APPLICANT: Lee, Se-Jin
; APPLICANT: McPherron, Alexandra C.
; TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-8
; FILE REFERENCE: 07265/144001

; CURRENT APPLICATION NUMBER: US/09/859,211
; CURRENT FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 09/019,070
; PRIOR FILING DATE: 1998-02-05
; PRIOR APPLICATION NUMBER: 08/862,445
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 08/847,510
; PRIOR FILING DATE: 1997-04-28
; PRIOR APPLICATION NUMBER: 08/795,071
; PRIOR FILING DATE: 1997-02-05
; PRIOR APPLICATION NUMBER: 08/525,596
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: PCT/US94/03019
; PRIOR FILING DATE: 1994-03-18
; PRIOR APPLICATION NUMBER: 08/033,923
; PRIOR FILING DATE: 1993-03-19
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 44
; LENGTH: 122
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-859-211-44

Query Match 68.5%; Score 98; DB 9; Length 122;
Best Local Similarity 90.0%; Pred. No. 2.1e-06;
Matches 18; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 6 ALRLQRPPEPSAHAFCHR 25
|||||
DB 1 ALRLQRPPEPSAHAFCHR 20

RESULT 3
US-09-880-708-22
; Sequence 22, Application US/09880708
; Patent No. US20020165361A1
; GENERAL INFORMATION:
; APPLICANT: Lee, Se-Jin
; Huynh, Thanh
; TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-5
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gray Cary Ware & Freidenrich LLP
; STREET: 4365 Executive Drive, Suite 1600
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92121-2189
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/880,708
; FILING DATE: 12-Jun-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/145,060
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/003,144
; FILING DATE: 12-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Lisa A. Halle, Ph.D.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/057002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858/677-1456
; TELEFAX: 619/677-1465
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 122 amino acids
; TYPE: amino acid

; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: Inhibit-alpha
; SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-880-708-22

Query Match 68.5%; Score 98; DB 9; Length 122;
Best Local Similarity 90.0%; Pred. No. 2.1e-06;
Matches 18; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 6 ALRLQRPPEPSAHAFCHR 25
|||||
DB 1 ALRLQRPPEPSAHAFCHR 20

RESULT 4
US-09-813-459-18
; Sequence 18, Application US/09813459
; Patent No. US20020107369A1
; GENERAL INFORMATION:
; APPLICANT: Lee, Se-Jin
; Cunningham, No. US20020107369Aleen
; TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-10
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-MOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/813,459
; FILING DATE: 20-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/624,635
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.,
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-4054
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 122 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: Inhibit-alpha
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..122
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-09-813-459-18

Query Match 68.5%; Score 98; DB 10; Length 122;
Best Local Similarity 90.0%; Pred. No. 2.1e-06;
Matches 18; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 6 ALRLQRPPEPSAHAFCHR 25
|||||
DB 1 ALRLQRPPEPSAHAFCHR 20

RESULT 5
 US-10-115-406-18
 ; Sequence 18, Application US/10115406
 ; Patent No. US20020127612A1
 ; GENERAL INFORMATION:
 ; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
 ; APPLICANT: LEE, Se-jin
 ; TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-9
 ; FILE REFERENCE: JHU1190-3
 ; CURRENT APPLICATION NUMBER: US/10/115,406
 ; CURRENT FILING DATE: 2002-04-02
 ; PRIOR APPLICATION NUMBER: 09/301,520
 ; PRIOR FILING DATE: 1999-04-28
 ; PRIOR APPLICATION NUMBER: US 09/172,062
 ; PRIOR FILING DATE: 1998-10-13
 ; PRIOR APPLICATION NUMBER: US 08/491,835
 ; PRIOR FILING DATE: 1995-10-23
 ; PRIOR APPLICATION NUMBER: PCT/US94/00685
 ; PRIOR FILING DATE: 1994-01-12
 ; PRIOR APPLICATION NUMBER: US 08/003,303
 ; PRIOR FILING DATE: 1993-01-12
 ; NUMBER OF SEQ ID NOS: 28
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 18
 ; LENGTH: 121
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-115-406-18

Query Match 65.7%; Score 94; DB 12; Length 121;
 Best Local Similarity 89.5%; Pred. No. 7,3e-06;
 Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 7 LRLQRPPEPSAHAFCH 25
 |||||
 Db 1 LRLQRPPEPSAHAFCH 19

RESULT 6
 US-10-014-717-4
 ; Sequence 4, Application US/10014717
 ; Publication No. US20020192778A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Schupp, Thomas
 ; APPLICANT: Ligon, James
 ; APPLICANT: Molnar, Istvan
 ; APPLICANT: Zirkle, Ross
 ; APPLICANT: Cyr, Devon
 ; APPLICANT: Goerlach, Joern
 ; TITLE OF INVENTION: GENES FOR THE BIOSYNTHESIS OF EPOTHILONES
 ; FILE REFERENCE: 4-30582A
 ; CURRENT APPLICATION NUMBER: US/10/014,717
 ; CURRENT FILING DATE: 2001-11-13
 ; PRIOR APPLICATION NUMBER: US/09/335,409
 ; PRIOR FILING DATE: 1999-06-17
 ; NUMBER OF SEQ ID NOS: 30
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 4
 ; LENGTH: 1832
 ; TYPE: PRT
 ; ORGANISM: Sorangium cellulosum
 US-10-014-717-4

Query Match 38.8%; Score 55.5; DB 9; Length 1832;
 Best Local Similarity 48.1%; Pred. No. 22;
 Matches 13; Conservative 2; Mismatches 5; Indels 7; Gaps 2;

QY 1 PWSP---AALKLQRPPEPSAHAFCH 24
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 Db 1123 PWPVGLSLRLQK---PSGELWCH 1145

RESULT 7
 US-09-768-703-2
 ; Sequence 2, Application US/09768703
 ; Patent No. US20020098538A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SHABON, USMAN
 ; APPLICANT: ELSHOUBAGY, NABIL
 ; APPLICANT: MICHALOVICH, DAVID
 ; TITLE OF INVENTION: 7TM RECEPTOR (AXOR24)
 ; FILE REFERENCE: GP-30197 C1
 ; CURRENT APPLICATION NUMBER: US/09/768,703
 ; CURRENT FILING DATE: 2001-01-24
 ; PRIOR APPLICATION NUMBER: UK 9905317.5
 ; PRIOR FILING DATE: 1999-03-09
 ; PRIOR APPLICATION NUMBER: 09/396,610
 ; PRIOR FILING DATE: 1999-09-15
 ; NUMBER OF SEQ ID NOS: 2
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 2
 ; LENGTH: 368
 ; TYPE: PRT
 ; ORGANISM: HOMO SAPIENS
 US-09-768-703-2

Query Match 36.7%; Score 52.5; DB 10; Length 368;
 Best Local Similarity 61.1%; Pred. No. 10;
 Matches 11; Conservative 2; Mismatches 4; Indels 1; Gaps 1;

QY 2 WSP-AALRLQRPPEPS 18
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 Db 321 WHPRALQLQRPPEGPA 338

RESULT 8
 US-10-014-717-7
 ; Sequence 7, Application US/10014717
 ; Publication No. US20020192778A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Schupp, Thomas
 ; APPLICANT: Ligon, James
 ; APPLICANT: Molnar, Istvan
 ; APPLICANT: Zirkle, Ross
 ; APPLICANT: Cyr, Devon
 ; APPLICANT: Goerlach, Joern
 ; TITLE OF INVENTION: GENES FOR THE BIOSYNTHESIS OF EPOTHILONES
 ; FILE REFERENCE: 4-30582A
 ; CURRENT APPLICATION NUMBER: US/10/014,717
 ; CURRENT FILING DATE: 2001-11-13
 ; PRIOR APPLICATION NUMBER: US/09/335,409
 ; PRIOR FILING DATE: 1999-06-17
 ; NUMBER OF SEQ ID NOS: 30
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 7
 ; LENGTH: 2439
 ; TYPE: PRT
 ; ORGANISM: Sorangium cellulosum
 US-10-014-717-7

Query Match 35.3%; Score 50.5; DB 9; Length 2439;
 Best Local Similarity 45.8%; Pred. No. 1.5e-02;
 Matches 11; Conservative 3; Mismatches 7; Indels 3; Gaps 1;

QY 1 PWSP---AALRLQRPPEPSAHA 21
 :|||
 Db 1141 PWPVEGVSVRLFORSPGELWCHA 1164

RESULT 9
 US-09-998-667-11
 ; Sequence 11, Application US/09998667
 ; Patent No. US20020146747A1
 ; GENERAL INFORMATION:

```

; APPLICANT: Masuda, Esteban
; APPLICANT: Liao, X. Charlene
; APPLICANT: Zhao, Haoran
; APPLICANT: Chu, Peter
; APPLICANT: Pardo, Jorge
; APPLICANT: Rigel Pharmaceuticals, Incorporated
; TITLE OF INVENTION: TRAC1: Modulators of Lymphocyte Activation
; FILE REFERENCE: 021044-000600US
; CURRENT APPLICATION NUMBER: US/09/998,667
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 2001-12-03
; PRIOR FILING DATE: 2001-12-03
; PRIOR FILING DATE: 2001-04-06
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:human znf313
; OTHER INFORMATION: ring finger domain
US-09-998-667-11

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Query Match          34.3%; Score 49; DB 10; Length 50;
Best Local Similarity 35.0%; Pred. No. 3.6;
Matches 7; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

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```

QY 4 PAALRLQLQRPPEPSAHAF 23
   | | : : | : | | |
Db 7 PVLCEVYEKPVQVPGHVC 26

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RESULT 10
US-09-998-667-8
; Sequence 8, Application US/0998667
; Patent No. US20020146747A1
; GENERAL INFORMATION:
; APPLICANT: Masuda, Esteban
; APPLICANT: Liao, X. Charlene
; APPLICANT: Zhao, Haoran
; APPLICANT: Chu, Peter
; APPLICANT: Pardo, Jorge
; APPLICANT: Rigel Pharmaceuticals, Incorporated
; TITLE OF INVENTION: TRAC1: Modulators of Lymphocyte Activation
; FILE REFERENCE: 021044-000600US
; CURRENT APPLICATION NUMBER: US/09/998,667
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: US 60/282,432
; PRIOR FILING DATE: 2001-04-06
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 228
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: znf313 sequence with ring domain
US-09-998-667-8

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Query Match          34.3%; Score 49; DB 10; Length 228;
Best Local Similarity 35.0%; Pred. No. 18;
Matches 7; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

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QY 4 PAALRLQLQRPPEPSAHAF 23
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Db 30 PVLCEVYEKPVQVPGHVC 49

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RESULT 11
US-09-925-301-1306
; Sequence 1306, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:

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; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1306
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-301-1306

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Query Match          34.3%; Score 49; DB 10; Length 231;
Best Local Similarity 35.0%; Pred. No. 18;
Matches 7; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

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QY 4 PAALRLQLQRPPEPSAHAF 23
   | | : : | : | | |
Db 33 PVLCEVYEKPVQVPGHVC 52

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RESULT 12
US-09-764-864-837
; Sequence 837, Application US/09764864
; Patent No. US20020132753A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PT223
; CURRENT APPLICATION NUMBER: US/09/764,864
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1792
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 837
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (16)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-764-864-837

```

```

Query Match          34.3%; Score 49; DB 10; Length 231;
Best Local Similarity 35.0%; Pred. No. 18;
Matches 7; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

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QY 4 PAALRLQLQRPPEPSAHAF 23
   | | : : | : | | |
Db 33 PVLCEVYEKPVQVPGHVC 52

```

```

RESULT 13
US-09-764-864-1292
; Sequence 1292, Application US/09764864
; Patent No. US20020132753A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PT223
; CURRENT APPLICATION NUMBER: US/09/764,864
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1792
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1292
; LENGTH: 231

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-764-864-1292

Query Match 34.3%; Score 49; DB 10; Length 231;
Best Local Similarity 35.0%; Pred. No. 18;
Matches 7; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

Qy 4 PWSPALRLQRPPEPSAHAF 23
    | | | | | | | | | |
Db 33 PVLVEYKPVQVPCGHVFC 52

RESULT 14
US-10-011-445-54
; Sequence 54, Application US/10011445
; Patent No. US2002017696A1
; GENERAL INFORMATION:
; APPLICANT: Sun, Yongming
; APPLICANT: Recipon, Herve
; APPLICANT: Salceda, Susana
; APPLICANT: Liu, Chenchua
; APPLICANT: Turner, Leah
; TITLE OF INVENTION: Compositions and Methods Relating to Breast Specific
; FILE REFERENCE: DEX-0251
; CURRENT APPLICATION NUMBER: US/10/011,445
; PRIOR FILING DATE: 2001-10-30
; PRIOR APPLICATION NUMBER: 60/244,221
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: 60/249,998
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: 60/252,563
; PRIOR FILING DATE: 2000-11-22
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 54
; LENGTH: 108
; TYPE: PRT
; ORGANISM: Homo sapiens
; NAME/KEY: UNSURE
; LOCATION: (88)
US-10-011-445-54

Query Match 33.9%; Score 48.5; DB 9; Length 108;
Best Local Similarity 42.3%; Pred. No. 9, 5;
Matches 11; Conservative 1; Mismatches 11; Indels 3; Gaps 1;

Qy 1 PWSPALRLQRP---PEPSAHAF 23
    | | | | | | | | | |
Db 42 PWLPFAHRLSPALWDNPPSARGHC 67

RESULT 15
US-09-748-626-5622
; Sequence 5622, Application US/09738626
; Publication No. US20020197605A1
; GENERAL INFORMATION:
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: MIZOGUCHI, HIROSHI
; APPLICANT: ANDO, SEIKO
; APPLICANT: HAYASHI, MIKIRO
; APPLICANT: OCHIAI, KEIKO
; APPLICANT: YOKOI, HARUHIKO
; APPLICANT: TATEISHI, NAKKO
; APPLICANT: SENOH, AKIHIRO
; APPLICANT: IKEDA, MASATO
; APPLICANT: OZAKI, AKIO
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-125
; CURRENT APPLICATION NUMBER: US/09/738,626
; CURRENT FILING DATE: 2000-12-18

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; PRIOR APPLICATION NUMBER: JP 99/377484
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: JP 00/159162
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: JP 00/286,498
; PRIOR FILING DATE: 2000-08-03
; NUMBER OF SEQ ID NOS: 7059
; SOFTWARE: PatentIn ver. 3.0
; SEQ ID NO 5622
; LENGTH: 568
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-738-626-5622

Query Match 33.6%; Score 48; DB 9; Length 568;
Best Local Similarity 50.0%; Pred. No. 66;
Matches 8; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy 1 PWSPALRLRLQRPPE 16
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Db 471 PWQPAVLRLIKHTCDE 486

Search completed: March 13, 2003, 16:18:16
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